

Compound Combat

Be the first team in the room to correctly get all the names on this sheet right. When you have finished the first ten problems, bring them up to the teacher to be checked. Once these have been checked, move to the second ten. Once all forty problems have been solved, you're the winner!

- 1) copper (II) acetate $\text{Cu}(\text{C}_2\text{H}_3\text{O}_2)_2$
- 2) sodium hydroxide NaOH
- 3) lithium oxide Li_2O
- 4) cobalt (III) hydrogen carbonate $\text{Co}(\text{HCO}_3)_3$
- 5) aluminum sulfide Al_2S_3
- 6) ammonium cyanide NH_4CN
- 7) iron (III) phosphide FeP
- 8) vanadium (V) phosphate $\text{V}_3(\text{PO}_4)_5$
- 9) sodium permanganate NaMnO_4
- 10) manganese (III) fluoride MnF_3

- 11) beryllium nitrate $\text{Be}(\text{NO}_3)_2$
- 12) nickel (III) sulfite $\text{Ni}_2(\text{SO}_3)_3$
- 13) potassium chromate K_2CrO_4
- 14) strontium bromide SrBr_2
- 15) zinc phosphite $\text{Zn}_3(\text{PO}_3)_2$
- 16) copper (II) dihydrogen phosphate $\text{Cu}(\text{H}_2\text{PO}_4)_2$
- 17) nickel (II) selenide NiSe
- 18) manganese (IV) oxalate $\text{Mn}(\text{C}_2\text{O}_4)_2$
- 19) lead (IV) nitride Pb_3N_4
- 20) barium hydroxide $\text{Ba}(\text{OH})_2$

- 21) cesium arsenide Cs_3As
- 22) chromium (VI) sulfate $\text{Cr}(\text{SO}_4)_3$
- 23) calcium perchlorate $\text{Ca}(\text{ClO}_4)_2$
- 24) ammonium sulfate $(\text{NH}_4)_2\text{SO}_4$
- 25) copper (II) oxide CuO
- 26) lead (IV) phosphate $\text{Pb}(\text{PO}_4)_4$
- 27) aluminum dichromate $\text{Al}_2(\text{Cr}_2\text{O}_7)_3$
- 28) potassium nitrate KNO_3
- 29) magnesium acetate $\text{Mg}(\text{C}_2\text{H}_3\text{O}_2)_2$
- 30) nickel (III) cyanide $\text{Ni}(\text{CN})_3$

- 31) vanadium (IV) phosphate $\text{V}_3(\text{PO}_4)_4$
- 32) copper (I) sulfate Cu_2SO_4
- 33) cobalt (III) sulfide Co_2S_3
- 34) iron (II) sulfite FeSO_3
- 35) chromium (II) chlorite $\text{Cr}(\text{ClO}_2)_2$
- 36) iron (II) hydroxide $\text{Fe}(\text{OH})_2$
- 37) zinc nitride Zn_3N_2
- 38) manganese (VII) nitrate $\text{Mn}(\text{NO}_3)_7$
- 39) gallium hydrogen sulfate $\text{Ga}(\text{HSO}_4)_3$
- 40) sodium nitrate NaNO_3